

Table A-1. Trends in total (Federal plus company and other) funds for industrial R&D performance in the U.S., by source of funds, in current and in constant dollars: 1953-2001

Page 1 of 2

Year	Total R&D ¹		Federal ¹		Company ²	
	Current dollars	Constant 1996 dollars	Current dollars	Constant 1996 dollars	Current dollars	Constant 1996 dollars
	(Millions of dollars)					
1953	3,630	18,857	1,430	7,429	2,200	11,429
1954	4,070	20,936	1,750	9,002	2,320	11,934
1955	4,640	23,458	2,180	11,021	2,460	12,437
1956	6,605	32,298	3,328	16,274	3,277	16,024
1957	7,731	36,588	4,335	20,516	3,396	16,072
1958	8,389	38,766	4,759	21,992	3,630	16,774
1959	9,618	43,958	5,635	25,754	3,983	18,204
1960	10,509	47,359	6,081	27,404	4,428	19,955
1961	10,908	48,610	6,240	27,807	4,668	20,802
1962	11,464	50,413	6,434	28,294	5,029	22,115
1963	12,630	54,913	7,270	31,609	5,360	23,304
1964	13,512	57,892	7,720	33,076	5,792	24,816
1965	14,185	59,651	7,740	32,548	6,445	27,103
1966	15,548	63,565	8,332	34,064	7,216	29,501
1967	16,385	64,994	8,365	33,181	8,020	31,813
1968	17,429	66,270	8,560	32,548	8,869	33,722
1969	18,308	66,357	8,451	30,631	9,857	35,727
1970	18,067	62,171	7,779	26,769	10,288	35,403
1971	18,320	60,026	7,666	25,118	10,654	34,908
1972	19,552	61,446	8,017	25,195	11,535	36,251
1973	21,249	63,241	8,145	24,241	13,104	39,000
1974	22,887	62,499	8,220	22,447	14,667	40,052
1975	24,187	60,422	8,605	21,496	15,582	38,926
1976	26,997	63,823	9,561	22,603	17,436	41,220
1977	29,825	66,248	10,485	23,290	19,340	42,959
1978	33,304	69,052	11,189	23,199	22,115	45,853
1979	38,226	73,160	12,518	23,958	25,708	49,202
1980	44,505	78,024	14,029	24,595	30,476	53,429
1981	51,810	83,069	16,382	26,266	35,428	56,803
1982	58,650	88,528	18,545	27,992	40,105	60,536
1983	65,268	94,756	20,680	30,023	44,588	64,733
1984	74,800	104,703	23,396	32,749	51,404	71,954
1985	84,239	114,315	27,196	36,906	57,043	77,409
1986	87,823	116,615	27,891	37,035	59,932	79,580
1987	92,155	118,787	30,752	39,639	61,403	79,148
1988 ³	97,015	120,951	30,343	37,829	66,672	83,122
1989 ³	102,055	122,559	28,554	34,291	73,501	88,268

See explanatory information and SOURCE at end of table.

Table A-1. Trends in total (Federal plus company and other) funds for industrial R&D performance in the U.S., by source of funds, in current and in constant dollars: 1953-2001

Page 2 of 2

Year	Total R&D ¹		Federal ¹		Company ²	
	Current dollars	Constant 1996 dollars	Current dollars	Constant 1996 dollars	Current dollars	Constant 1996 dollars
	(Millions of dollars)					
1990 ³	109,727	126,837	28,125	32,511	81,602	94,327
1991 ³	116,952	130,439	26,372	29,413	90,580	101,026
1992 ⁴	119,110	129,693	24,722	26,919	94,388	102,774
1993 ⁴	117,400	124,827	22,809	24,252	94,591	100,575
1994 ⁴	119,595	124,565	22,463	23,397	97,131	101,168
1995 ⁴	132,103	134,662	23,451	23,905	108,652	110,756
1996 ⁴	144,667	144,667	23,653	23,653	121,015	121,015
1997 ⁴	157,539	154,526	23,928	23,470	133,611	131,055
1998 ⁴	169,180	163,934	24,164	23,415	145,016	140,519
1999 ^{4,5}	182,711	174,592	22,535	21,534	160,176	153,059
2000 ⁴	199,539	186,677	19,118	17,886	180,421	168,791
2001 ⁴	198,505	181,416	16,899	15,444	181,606	165,971

¹ Beginning with 2001, statistics for total and Federally funded industrial R&D exclude data for Federally Funded Research and Development Centers (FFRDCs).

² The company-funded R&D in this table is the industrial R&D performed within company facilities funded from all sources except the Federal Government. The funds predominantly are the company's own, but also include funds from outside organizations such as other companies, research institutions, universities and colleges, nonprofit organizations, and state governments. Excluded from this table are company-funded R&D not performed within the company (e.g., R&D contracted out to other organizations) and company-funded R&D not performed within the 50 U.S. states or D.C. (e.g., R&D not performed on U.S. soil by foreign subsidiaries or other foreign organizations).

³ As a result of a new sample design, statistics for 1988-91 were revised after they were originally published and are not directly comparable with statistics for earlier years. For more information, see the technical notes in Survey of Industrial Research and Development Methodology: 2001 at <http://www.nsf.gov/sbe/srs/sird/start.htm>.

⁴ As a result of annual sampling, implemented to produce statistics that better reflect R&D performance among firms in nonmanufacturing industries and small firms in all industries, statistics for 1992 and later years are not directly comparable with statistics for earlier years. For more information, see the technical notes in Survey of Industrial Research and Development Methodology: 2001 at <http://www.nsf.gov/sbe/srs/sird/start.htm>.

⁵ Statistics for 1999 have been revised since originally published. For more information, see the technical notes in Survey of Industrial Research and Development Methodology: 2001 at <http://www.nsf.gov/sbe/srs/sird/start.htm>.

NOTE: Gross domestic product (GDP) implicit price deflators were used to convert current dollars to constant (1996) dollars.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Industrial Research and Development: 2001